

## ABSTRACT

A DWDM module (10) comprises a cover (1), a base (2), DWDMs (3), retainers (4) retaining the DWDMs therein, heat shrinkage pipes (5), optical fibers (33), and holders (6) holding the heat shrinkage pipes therein. The DWDMs are in communication with each other via the optical fibers. The DWDM module further comprises a rubber loop (7) providing a tight seal between the cover and the base, and a protecting component (8) for protecting the optical fibers. The base comprises a motherboard (26), a peripheral frame (21), spaced projections (22), and an array of arcuate ribs (23). The projections and corresponding sidewalls of the frame fittingly secure the holders therebetween. The array of ribs is upwardly formed from a middle of the motherboard, and fittingly secures the retainers therein. A cutout (212) is integrally defined in the motherboard and one sidewall of the frame, and fittingly secures the protecting device therein.

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